A Pending US Cash

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY	
To: GREGORY A. HUNT JENKINS, WILSON, TAYLOR & HUNT, P.A. SUITE 1200, UNIVERSITY TOWER 3100 TOWER BOULEVARD DURHAM, NORTH CAROLINA 27707	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION
	(PCT Rule 44.1)
4	Date of mailing (day/month/year) 12 OCT 2007
Applicant's or agent's file reference 1497127PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US07/00942	International filing date (day/month/year) 12 January 2007
Applicant SANTERA SYSTEMS, INC	
The applicant is hereby notified that the international s	earch report and the written opinion of the International Searching
international search report. Where? Directly to the International Bureau of W. I 211 Geneva 20, Switzerland, Facsimile I For more detailed instructions, see the notes on the 2. The applicant is hereby notified that no international Article 17(2)(2) to that effect and the written opinione of the process	claims of the international application (see Rule 46): mix is normally two months from the date of transmittal of the PO, 34 chemin des Colombettes Not: 4112 2740 1435 eacocompanying sheet. Learnh report will be established and that the declaration under five International Searching Authority are transmitted therewith. dditional Rec(s) under Rule 400, 2, the applicant is notified that: has been transmitted to the International Bureau together with the the protest and the decision thereon to the designated Offices. the applicant will be notified as soon as a decision is made.
international Bureau. If the applicant wishes to avoid or application, or of the priority claim, must reach the Internation of the technical preparations for international forms and the completion of the technical preparations for international Bureau will seen international Bureau. The International Bureau will seen international Purelimancy examination report has been or is to the public but not before the expiration of 30 months from the Within 19 months from the criterioty due, but only in respect.	postpone publication, a notice of withdrawal of the international nnal Hurea as provided in Rules 900sts. I and 90sts.3, respectively, sational publication. the written opinion of the International Searching Authority to the I a copy of such comments to all designated Offices unless an plo established. These comments would also be made available to priority date.
date (in some Offices even later); otherwise, the applicant ma acts for entry into the national phase before those designated	the entry into the national phase until 30 months from the priority ust, within 20 months from the priority date, perform the prescribed Offlices. months (or later) will apply even if no demand is filed within 19
months. See the Annex to Form PCT/IB/301 and, for details about th	c applicable time limits, Office by Office, see the PCT Applicant's
Guide, Volume II, National Chapters and the WIPO Internet	site.
Nume and mailing address of the ISA // IS	Authorized officer:



PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

FOR FURTHER

(PCT Article 18 and Rules 43 and 44)

see Form PCT/ISA/220

1497127PCT	ACTION	as well as, where applicable, item 5 below.
International application No.	International filing date	
PCT/US07/00942	12 January 2007	17 January 2006
Applicant SANTERA SYSTEMS, INC		
according to Article 18. A copy is I	being transmitted to the Interna	heets.
	oj a sopj or casa prior art soc	
 Basis of the report a. With regard to the language 	the international search was	carried out on the basis of
ICA .	application in the language in	
a translation of t	he international application int	
b. This international sear authorized by or notifi	rch report has been established ed to this Authority under Rule	d taking into account the rectification of an obvious mistake e 91 (Rule 43.6bis(a)).
c. With regard to any nu	electide and/or amino acid se	quence disclosed in the international application, see Box No. 1.
2. Certain claims were i	ound unsearchable (see Box l	No. II).
3. Unity of invention is	lacking (see Box No. III).	
4. With regard to the title,		
	submitted by the applicant. lished by this Authority to read	1 6 !!
the text has been estab	isned by this Admortly to leac	i is follows.
5. With regard to the abstract,	submitted by the applicant.	
the text has been estab	lished, according to Rule 38.2((b), by this Authority as it appears in Box No. IV. The applicant is international search report, submit comments to this Authority
6. With regard to the drawings,		
a. the figure of the drawings t	o be published with the abstrac	at is Figure No. 1
as suggested by	the applicant.	
as selected by th	is Authority, because the appli	cant failed to suggest a figure.
	-	re better characterizes the invention.
 b none of the figures is t 	o be published with the abstrac	я.

Form PCT/ISA/210 (first sheet) (April 2007)

Applicant's or agent's file reference

INTERNATIONAL SEARCH REPORT

International application No. PCT/LIS07/00942

12 OCT 2007

Blaine R. Copenheaver

Authorized officer:

PCT Helpdesk: 571-272-430 PCT OSP: 571-272-7774

CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04L 12/28(2007,01) USPC - 370/391 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - H04L 12/28(2007.01) USPC - 370/391 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Micronatent (See search history) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 2005/0232232 A1 (FARBER et al) 20 October 2005 (10.20.2005) entire document 1-8.11.29 Υ 9,10,12-28 v WO 2003/043299 A1 (WAH et al.) 22 May 2003 (22.05.2003) entire document 9-10 WO 1999/040569 A2 (KAPANEN et al.) 12 August 1999 (12.08.1999) entire document 12-15.26-28 WO 2005/050960 A1 (MYRE et al.) 02 June 2005 (02.06.2005) entire document 16-28 Further documents are listed in the continuation of Box C. Special categories of cited documents; later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international "X" document of particular relevance; the elaimed invention eannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other $\alpha\gamma$. document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "O" document referring to an oral disclosure, use, exhibition or other document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search

P.O. Box 1450, Alexandria, Virginia 22313-1450 Form PCT/ISA/210 (second sheet) (April 2007)

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents

Name and mailing address of the ISA/US

Facsimile No. 571-273-3201

16 August 2007

PATENT COOPERATION TREATY			
From the INTERNATIONAL SEARCHING AUTHO	RITY		
To: GREGORY A. HUNT JENKINS, WILSON, TAYLOR & HUNT, P.A. SUITE 1200, UNIVERSITY TOWER 3100 TOWER BOULEVARD DURHAM, NORTH CAROLINA 27707			PCT
			ITTEN OPINION OF THE ONAL SEARCHING AUTHORITY
John Million Million			(PCT Rule 43bis.1)
		Date of mailing (day/month/year)	1.9 OCT 2007
		(adymonth year)	12 OCT 2007
Applicant's or agent's file reference 1497127PCT		FOR FURTHER A	CTION See paragraph 2 below
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/US07/00942	12 January 2007		17 January 2006
International Patent Classification (IPC) o IPC(8) - H04L 12/28(2007.01) USPC - 370/391		tion and IPC	
Applicant SANTERA SYSTEMS, IN	c		
This opinion contains indications relations	ting to the following iter	ns:	
Box No. I Basis of the op.	iníon		
Box No. II Priority			•
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 436s. I (a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Box No. VI Certain docume			
Box No. VII Certain defects			
Box No. VIII Certain observe	ations on the internations	и аррисатиов	
2. FURTHER ACTION			
If a domand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examinal, adulterly (TPEA) secept that this does not apply where the applicant chooses an Authority present the present of t			
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/I220 or before the expiration of 22 months from the priority date, whichever expires later.			
For further options, see Form PCT/ISA/220.			
For further details, see notes to Form PCT/ISA/220.			
L			
Name and mailing address of the ISA/US	Date of completion of	this opinion	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	16 August 2007		Blaine Copenheaver
P.O. Box 1450, Alexandria, Virginia 22313-1450 PCT Helodesk: 571-272-4300			

PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Facsimile No. 571-273-3201

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

nternational application No.		
PCT/US07/00942		

Box	No. I	Basis of this opinion
1.	With	egard to the language, this opinion has been established on the basis of:
	×	the international application in the language in which it was filed.
	ŏ	a translation of the international application into which is the language of a
		translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2.	П	This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified
		to this Authority under Rule 91 (Rule 43bis.1(a))
3	With .	egard to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has been
٠.	establi	shed on the basis of:
	a. typ	e of material
	느	a sequence listing
	L	table(s) related to the sequence listing
	b. for	mat of material
	· F	on paper
	Ē	in electronic form
	-	
	c. tin	e of filing/furnishing
		contained in the international application as filed
		filed together with the international application in electronic form
		furnished subsequently to this Authority for the purposes of search
4.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5.	Additi	onal comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US07/00942

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Statement			
Novelty (N)	Claims	9,10 and 12-28	YES
	Claims	1-8,11 and 29	NO
Inventive step (IS)	Claims	NONE	YES
	Claims	9,10 and 12-28	NO
Industrial applicability (IA)	Claims	1-29	YES
	Claims	NONE	NO

2. Citations and explanations:

Claims 1-8,11 and 29 lack novelty under PCT Article 33(2) as being anticipated by Farber et al. (US 2005/0232232 A1).

Referring to claims 1 and 28, Farber et al. disclose determining whether codes configurations used by different legs of a UMA-UMTS connection are compatible (claim 15); in response to determining that the code configurations are compatible, obtain 15); in response to determining that the control is required to establish a transcoding free connection (paragraph 95-96 and claim 15); in response to determining that rate control is required, issuing a rate control requirest to at least on or the UMTS and the UMA kegs (paragraph 95-96); of) determining whether that control request is successful (paragraph 26 and claim 15); and in response to determining that the rate control request is successful, vestibilishing a transcoding free connection between the UMTS and the UMA gir in the media gateway (paragraph 26 and claim 15).

Referring to claim 2, depending from claim 1, Farber et al. disclose wherein issuing at least rate control request includes issuing a rate control request to the UMTS leg requesting that the UMTS leg start sending voice packets encoded at a rate corresponding to a decoding rate of theUMS leg (prangraph 21 and paragraphs 95-96).

Referring to claim 3, depending from claim 2 Farber et al. disclose determining whether the rate control request is successful includes monitoring volce packets received from the UMTS leg to determine whether the encoding rate used by the UMTS leg changes within a limeout period (inherent to determining whether rate control request is successful paragraph 26 and claim 15).

Referring to claim 4, depending from claim 2, Farber et al. disclose determining whether the rate control request is successful includes determining whether an acknowledgment is received from the UMTS leg (paragraphs 95-96).

Referring to claim 5 depending from claim 1, Farber et al. disclose wherein issuing a rate control request on at least one of the UMTS and UMA legs includes sending a codec mode request (CMR) over the UMA leg (paragraph 91).

Referring to claim 6 depending from claim 5. Farber et al. disclose wherein determining whether the rate control request is successful includes monitoring an encoding rate of packets received from the UMA leg and determining whether the requested rate is achieved within (paragraphs 95-96).

Referring to claim 7, depending from claim 6, Farber et al. disclose in response to determining that the requested rate is achieved, sending an acknowledgement to the UMTS leg (paragraphs 95-96).

Referring to claim 8, depending from claim 6, Farber et al, disclose in response to determining that the requested rate is not achieved, sending a negative acknowledgement to the UMTS leg (paragraphs 64 and 91).

Referring to claim 11, depending from claim 2, Farber et al. disclose maintaining the transcoding free connection between the UMA leg and the UMTS leg (claim 15).

Claims 9 and 10 lack an inventive step under PCT Article 33(3) as being obvious over Farber et al. (US 2005/0232232 A1) in view of Wah

Referring to claim 9, depending from claim 1, Farther et al. disclose a transcoding free connection (claim 15). However, Father et al. is salent wherein establishing a transcoding free connection in the media glateway includes connecting the UMTS lag to the UMA lag over an Ethernet switching fabric within the media gateway. However, Wahl et al. teach wherein establishing a transcoding free connection in the media gateway in the UMTS lag to the UMA lag over an Ethernet switching fabric within the media gateway (page 5, line of the UMA lag over an Ethernet switching fabric within the media gateway (page 5, line of the UMA lag over an Ethernet switching fabric within the connection in the media gateway into the unresident of the UMA lag over an Ethernet switching fabric within the media gateway (into the unresident of as a supplied to the UMA lag over an Ethernet switching fabric within the media gateway (into the unresident of as a supplied to the set as study into what et al. to subt deat (sage 2, line 30-30-1).

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

Supplemental Box

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Continuation of: Box No. V

Citations and explanations:

Referring to claim 10, depending from claim 1, Farber et al. disclose a transcoding free connection (claim 15). However, Farber et al. is solient wherein establishing a transcoding free connection in the media gateway includes connecting the URT 5e glo to the UMA feg over an asynchronus transfer mode switching fatric within the media gateway. However, Wah et al. teach wherein establishing a transcoding free connection in the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode witching fatric within the media gateway (page 2, lines 30-34). Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to incroprate wherein establishing a transcoding free connection in the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connecting the URTS leg to the UMA leg over an asynchronous transfer mode switching fabric within the media gateway includes connectin

Claims 12-15 lack an inventive step under PCT Article 33(3) as being obvious over Farber et al. (US 2005/0232232 A1) in view of Kapanen et al. (US 2005/023223 A1) in view et al. (US 2005/02322 A1) in view et al. (US 2005/02322 A1) in view et al. (US 2005/02322

Referring to claim 12, depending from claim 11, Father et al. disclose a transcoding free connection (claim 15). However Extent et al. its claim or maintaining the transcoding free connection includes performing redundancy reconciliation for redundant voice farmer received from the UMA leg. Kapanen et al. teach maintaining the transcoding free connection includes performing redundancy reconciliation for redundant voice farmer received from the UMA leg (agg. 4, lines 11-14). Therefore it would have been obvious to one of ordinary self in the set at the time of the inventor to incorporate maintaining the transcoding free connection includes performing redundancy self in the set at the time of the inventor to incorporate maintaining the transcoding free connection includes performing redundancy self in the set at the time of the inventor of the performance of the connection men to UAA leg into the inventor of the there is al. as together it is as that part in Aspertine et al. to connect one of the inventor of the performance of all page 4, line 11-14.

Referring to claim 13, stapending from claim 12, Farbert et al. disclose a transcoding free connection (claim 15). However, Farbert et al. the claim of portung globuschars (which is a claim of portung globuschars) reconciliation for voice farmer enceived over the UMA leg industries recovering reconciliation for voice farmer to UMA leg and tempt (which is globuschars be the UMTS leg. Kapinene et al. leach performing redundancy reconciliation for voice farmer received over the UMA leg industries monothing redundant frames over the UMA leg and sending current frames to the UMTS leg (page 4, lines 16-18). Therefore It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate performing current frames to the UMA leg and sending that the UMA leg and sending current frames to the UMA leg and sending that the UMA leg and sending that the UMA leg and sending current frames to the UMA leg and sending that the UMA leg and sending

Referring to claim 14, deponding from claim 12, Father et al., disclose a transcoding free connection (claim 15), However Father et al., is sited on maintaining the transcoding free connection includes performing redundancy recomplisation for fames received over the UMTS leg. However Kapsnen et al. teach maintaining the transcoding free connection includes performing redundancy recordisation for fames received over the UMTS leg (Repeare et al., page 4, fines 11-18). Therefore it would not be then obvious to one of ordinary still in the art at the time of the invention to incorporate maintaining the transcoding free commench or includes performing redundancy recording the commench or included to the control of the con

Referring to claim 15, depending form claim 14, Farber et al. disolose a transocoling free connection (claim 15). However Farber et al. is silent on whemis performing resultancy reconciliation for frames recolved over the UMTS leg includes receiving frames without redundancy over the UMTS leg, building redundant frames, and transmitting the redundant frames over the UMTs leg, thowever, Kapener et al. discloses wherein performing redundancy reconciliation for frames received over the UMTs leg includes receiving frames without redundancy over the UMTs leg, building redundant frames, and transmitting the redundant frames over the UMTs leg (fuciparent et al. page 4, lines 11-16). Therefore is would have been obdusts to one of ordinary skill in the art at the time of the invention in conceptoral discloses where the forming productionary recordisation frames the production of the control of the cont

Claims 16-25 lack an inventive step under PCT Article 33(3) as being obvious over Myre et al. (WO 2005/050960 A1) in view of Farber et al. (US 2005/023232 A1).

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

Supplemental Box

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Continuation of:

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al. paragraph 4).

Referring to claim 17, depending from claim 16, Myre et al. disclose a volce server (paragraph 8), but fails to explicitly teach wherein the at least orice server is adapted to issue a rate control request to at least on or the UMA reg and the UMTS leg to establish the transconling free connection. However, Farber et al. discloser wherein the at least volce server is adapted to issue a rate control request to at least one of the UMA leg and the UMTS leg to establish the transconling free connection (paragraphs 95 and 66). Therefore it would have been obvious to one of ordnary skill in the art at the time of the invention to incorporate wherein the at least volce server is adapted to issue a rate control request to at least one of the UMA leg and the UMTS leg to establish the transconding free connection (some than the connection in other than th

invention of Myre at al. as taught in Father et al., to improve speech quality (Father et al., paragraph 4).

Referring to claim 18, depending from claim 17, Myre et al. disclose a voice server (paragraph 8), but fails to explicitly teach wherein the at least one voice server is adapted to its suo a UMTS rate control request to the LMTS Sig. shower, Father et al. discloses wherein the at least one voice server is adapted to its suo a UMTS rate control request to the LMTS Sig. shower, Father et al. discloses wherein the at a characteristic control request to the UMTS sign and the mention of Myre et al. as taught in Father et al. to improve speech quality (Father et al. 10 migroves paced quality (Father et al. 10 migroves pace

Referring to claim 19, depending from claim 18, Myre et al. discloses a voice server (swarprach 8), but falls to explicitly teach wherein the at least on a vice server is displiced to monitor the endoding rate being used by the UMTS leg. However, Farber et al. disclose wherein the at least one vice server is adapted to monitor the encoding rate being used by the UMTS leg. (monitoring is inherent paragraphs 85-98). Therefore it would have been choives to one or divinary skill in the art it the lime of the invention to incorrolate wherein the attendance one voice server is adapted to monitor the encoding rate being used by the UMTS leg into the invention of Myre et al. as taught in Farber et al., for improve speach quality (Farber et al., paragraphs 24).

Referring to claim 20, depending from claim 18, Myre et al. discloses a voice server (paragraph 8), but fails to available the very large of the control request in the control request of the given and extended person to the relacionation quality theoret. Patherin the all teachs swherein the all teachs wherein the all teachs wherein the all teachs wherein the all teachs wherein the server is adapted to manifor the UMTS leg for an acknowledgement to the rate control request of practice and the control request of the control request into the return the attention of the removal of the control request into the return t

Referring to claim 21, depending from claim 18, Myre et al. discloses a volce server (peragreph 8), but falls to explicitly teach wherein the at least one volce server is adapted to issue a ocder mode request (CMR) to the UMA (a) Evolwer. Farber et al. teach server is adapted to issue a code mode request (CMR) to the UMA leg (grangaph 91). Therefore it would have been obvious to one of coldraps ykill in the at at the time of the invention to incorprate wherein the at least one volce server is adapted to issue a code mode request (CMR) to the UMA leg into the invention to incorprate wherein the at least one volce server is adapted to issue a code mode request (CMR) to the UMA leg into the invention of Myre et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to improve speech quality (Farber et al. as laught in Farber et al. to im

Referring to claim 22, depending from claim 21, Myre et al. discloses a voice server (paragraph 8). but falls to explicitly teach wherein the at least one voice server is adapted to monitor the encoding rate being used by the UMA leg (paragraph 95-95). Therefore it would have at least one voice server is adapted to monitor the encoding rate being used by the UMA leg (paragraph 95-95). Therefore it would have been obvious to one of ordinary stills in the ear at the time of the invention to incorporate wherein the at least one voice server is adapted to monitor the encoding rate being used by the UMA leg into the invention of Myre et al. as taught in Farber et al. to improve speech quality (Ferber et al. anarraph 4).

Referring to claim 23, depending from claim 22, Myre et al. discloses a voice server (paragraph 8), but fails to explicitly teach wherein the steast one voice server is adapted to send an advance/degerent to the URTS leg in response to determining that the code mode request on the URA leg is successful, However, Farber et al. disclose wherein the at least one voice server is adapted to send an advance/degerent to the URTS leg in response to determining that the code mode request on the URA leg is successful (paragraphs 95-90). Therefore it vouid have been obvious to one of ordinary sell in the art at the sine of the fivential by the paragraphs 195-90. Therefore it vouid have been obvious to one of ordinary sell in the ordinary sell in the source mode request on the URA leg is successful into the invention of Myre et al. a steady in Fraction et al. to improve speech quality ("farber et al. Paragraphs 4).

Referring to claim 24, depending from claim 22, Myre et al. discloses a voice server (paragraph 8), but fails to explicitly learn wherein the attest one voice server is adapted to send a negative accinosed/generan to the UMTs leg in response to failing to detect a change in the encoding rate on the UMTs leg in response to failing to detect a change in the encoding rate on the UMTs leg in response to failing to detect a change in the encoding rate on the UMTs leg (rangraphs 64 and 91). Transitions it would have been divisious to more response to failing to detect a change in the encoding rate on the UMTs leg (rangraphs 64 and 91). Transitions it would have been divisious to more response to failing to detect a change in the more response to failing to detect a change in the encoding rate on the UMTs leg in the propose to failing to detect a change in the encoding rate on the UMTs leg in the propose to failing to detect a change in the encoding rate on the UMTs leg in the propose to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate on the UMTs leg in the propose to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to detect a change in the encoding rate of the UMTs leg in response to failing to the inventor of the UMTs leg in response to failing to the inventor of the UMTs leg in response to fail the encoding rate of the UMTs leg in response to fail the encoding rate of the UMTs leg in response to fail the encoding rate of the UMTs leg

Referring to claim 28, depending from claim 16, Myre et al. discloses a voice server (paragraph 8), but fails to explicitly teach winning in the attention voice server is adapted to markstain the transcoding free connection. However Father et al. discloses he at least one voice server is a dispited to markstain the transcoding free connection (Father et al. claim 10). Therefore it would have been obvious to one of the properties of the prop

(Continued on Supplemental page)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US07/00942

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

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Supplemental page:

Supplemental page:

Claims 26-28 lack an inventive step under PCT Article 33(3) as being obvious over Myre et al. (WO 2005/050960 A1) in view of Farber et al. (WO 2005/023232 A1) and further in view of Kapanen et al. (WO 1999/040569 A2).

Referring to claim 26, depending from claim 25, Myre et al. is silent on meintaining the transocoling free connection, the at least one voice server is adapted to perform redundancy reconcilidation between the UMA and UMTS legs. However Fache et al. disclose bypassing transocoler operations (abstract lines 1-2) the Therefore it would have been obvious to one of ordinary skill in the ratter the line the invention of myre et al. as laught in Father et al. to reduce the use incorporate typassing transocoler operations (abstract lines 1-2) into the invention of Myre et al. as laught in Father et al. to reduce the use server is adapted to perform redundancy reconciliation between the UMA and UMTS legs. Kapmen et al. disclose at least one voice server is adapted to perform redundancy reconciliation between the UMA and UMTS legs. (kapmen et al. disclose at least one voice server is adapted to perform redundancy reconciliation between the UMA and UMTS legs. (kapmen et al. disclose at least one voice server is adapted to perform redundancy reconciliation between the UMA and UMTS legs and laught 1-19.) Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate maintaining the transociling free connection at least one voice are according to the connection at least one voice and the state of the unit of the

Referring to claim 27, depending from claim 28, Myre et al., is sitent on maintaining the transcoding free connection, the at least one voice server is edepted to perform redundancy recondistions between the UMA and UMTs legs, However Farber et al. disclose bypassing transcoder operations (abstract fines 1-2). Therefore it would have been obvious to one of ordinary skill in the artist the time the invention to incorporate bypassing transcoder correlations (abstract fines 1-2) into the invention of Myre et al. in view of Farber et al. in selection in performing the reduced et al. is selected in the selection of transcoders. However, Kepanen et al. disclose in performing the reduced in the selection of the select

Referring to claim 28, Myre et al. depending from claim 25, is silent on maintaining the transcoding free connection, the at least one voice server is edepted to perform recluindancy reconciliation between the UMA and UMTS legs. Farther et al. discloses bypassing transcoder or operations (abstract lines 1-2). Therefore it would have been obvious to one of ordinary skill in the attract the time the invention of Myre attracts and the control of the performance of the performance of the control of the performance of the control of the performance of the perform

Cleims 1-29 meet the criteria set out in PCT Article 33(2)-(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

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International application No. PCT/US07/00942	International filing date (day/month/year) 12 January 2007		
Applicant SANTERA SYSTEMS, INC			
The applicant is hereby notified that the international search report in it the written opinion of the "international Searching Authority have been established and art transmitted herewith. Filling of a mendments and statement under A tricle 19. The applicant is littled, if no widels, i.e., to amend the claims of the international application (so: 46): When? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Genve 20, Switzerland, Fascimile for, it 412 276 14 135 For more detailed instructions, see the notes on the accomipanying sheet. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2/a) to that effect and the written opinion of the international Searching Authority are transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40,2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.			
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(See notes on accompanying sheet)